

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8. (cancelled)

9. (currently amended) A turbine rotor comprising:
a coolant flow path formed through a plurality of disc shaped members coupled in an axial direction by means of stacking bolts with a stacking plane disposed between the disc shaped members; and

a heat resisting pipe inserted in the coolant flow path, wherein

the heat resisting pipe has a ring shaped projecting portion; and

the coolant flow path has a ~~hole~~-spot facing recess portion contacting with the ring shaped projecting portion on the stacking plane of a disc shaped member.

10. (currently amended) An assembling method of a turbine rotor comprises the steps of:

forming a coolant flow path through a plurality of disc shaped members coupled in their axial direction by means of

stacking bolts with a stacking plane disposed between the disc shaped members;

providing a ~~hole-spot facing recess~~ portion in a periphery of the coolant flow path;

providing a heat resisting pipe having a ring shaped projecting portion;

inserting the heat resisting pipe in the coolant flow path; and

causing the ring shaped projecting portion to contact the ~~hole-spot facing recess~~ portion of the coolant flow path on the stacking plane of a disc shaped member.

11. (currently amended) A cooling method of a high temperature portion of a turbine rotor comprising the steps of:

forming a coolant flow path through a plurality of disc shaped members coupled in an axial direction by means of stacking bolts with a stacking plane disposed between the disc shaped members;

providing a ~~hole-spot facing recess~~ portion in a periphery of the coolant flow path;

providing a heat resisting pipe having a ring shaped projecting portion;

inserting the heat resistant pipe into the coolant flow path whereby the ring shaped projecting portion of the heat

resistant pipe contacts the ~~hole~~spot facing recess portion of
the flow path on the stacking plane of a disc shaped member;
and

supplying a coolant through the coolant flow path in
which the heat resistant pipe is inserted.